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Company Announcements Office  
Australian Securities Exchange  
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SYDNEY NSW 2000

*Via E Lodgement*

## WINTER GARDEN BIOSCIENCES SHARPENS FOCUS ON KEY AGRICULTURAL OPERATIONS

International Goldfields Limited (“**IGS**”) (ASX:IGS) is pleased to provide an update on strategic goals outlined by Winter Garden Biosciences (“**Winter Garden**” or “**WG**”).

WG is an emerging agriculture bioscience and biotechnology company in which IGS has agreed to acquire an 85% interest (refer ASX announcement dated 1 May 2015).

WG is advancing its agricultural business, with a focus on cultivar domestication through cell tissue lab and genetics projects. WG aims to bring fully registered, sequenced and marker labelled proprietary hemp genetics to emerging and existing markets, through joint venture and research collaboration initiatives.

WG’s genetic projects seek to develop hemp cultivars that deliver value to roots, ballast, seed and flowers with low water and fertilisation requirements, zero herbicide input and low till and deep seed cultivars. WG is sharpening its focus on several areas within the agricultural sector, aimed at maximising the strategic advantage of working within the federally regulated environment of Uruguay, while other countries seek to develop such regulatory frameworks. WG is focused on:

### 1) Land reclamation:

WG will develop economically viable rotational crops to facilitate fast turn-around times. The targeted cultivars will help in land preparation such as aeration and organic matter build up while simultaneously being a valuable seed crop.

### 2) Seed processing and product licensing:

WG’s plant genetics produce high value protein and oil products along with alternatives to common dairy products for Asian and African markets. In laboratories WG focuses on IP for water soluble encapsulation, emulsion and formulations, targeting specific nutritional product lines as well as blue sky drug development for the near future.

The seed extraction processes will target amino acid and fatty acid profiles for the veterinary market to increase value in animal derived products for human consumption.

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**ASX CODE**  
IGS

Data generated within research projects are the key to drug development and modern nutritional delivery systems.

### 3) Third party lab services and genetic registration:

WG can currently house up to six different projects simultaneously. Initial projects involve genetic characterisations and identification for proprietary registration, focussed on flower extraction for a global market struggling with a lack of supply of high quality CBD.

### 4) Agricultural project focus for hemp and cannabis:

#### **- Genetics**

This part includes the registration, licensing and R&D agreements as a fee-for-services third party lab agreement for IP registration and in-house patent services

#### **- Seed**

Seed crop produces oil, seed cake (protein), amino and fatty acid nutritional products and veterinary service lines.

#### **- Flower**

Extraction of hemp flowers create full spectrum cannabinoid extracts, and lead to patented encapsulation, emulsion and formulation, water soluble raw nutritional ingredients, Drug development, bioinformatics platforms for consulting and lab services.

#### **- Ballast (fibre research)**

Fibre research is based around the agriculture, agronomy and farming techniques development and will yield novel findings that will be licensed to local producers and international partners within neighbouring countries such as Argentina and Brazil.

#### **- Ballast (biotech)**

The development of proprietary retting technology leading to nano fibres biopolymers, biocomposites, cellulose based polymers and blue sky research into carbon nano sheets for electrical applications.

#### **- Ballast (R&D for herd under development)**

Development and engineering through prototyping of hemp herd alternatives to ICF building systems. Leading to materials with higher insulating values, higher impact resistant and increased tensile strength, rigidity and leading to lower construction cost in emerging markets while also increasing carbon sequestration.

#### **- Agricultural Land reclamation**

Diverse genetics for rotational crop alternatives around the globe, utilising Uruguay's progressive regulatory system that places hemp in its logical designation that the rest of the world will soon follow.

### Seed extraction

Conservative estimates are approximately 150L of oil per acre. A protein seed cake amount of 700lbs/acre for veterinary feed products and human dairy alternatives as well as dietary supplements bringing the bulk of revenue creation to the project.

### Flower process and extraction

Approximately 60% of base nutritional ingredient derived from flower extraction is sold on licence through a joint venture and should generate revenue exceeding \$800k per acre. The remaining eviscerate will be used to create IP

around extraction, encapsulation, emulsion and formulation. This data allows WG an early mover advantage on drug development within federally licensed drug development laboratories and research facilities.

Julian Strauss, the founder of WG, stated: *"Utilising best practices in natural production and cultivation methods in non-synthesized hemp, we are able to deliver products into the global feedstocks markets that have substantial additional benefit to those consuming them in the food production and consumption cycle."*

WG is in advanced discussions with key strategic partners with regards to the commercial development of the agricultural value chain.

For and on behalf of the board



David Tasker  
Director

**FOR FURTHER INFORMATION, PLEASE CONTACT:**

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